

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2372	(362/800).OCL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 16:27
S2	5017	(holes with machin\$4 with punch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:43
S3	0	(epoxy with coat\$4 with inject\$4) and (holes with machin\$4 with punch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:44
S4	5	(resin with coat\$4 with inject\$4) and (holes with machin\$4 with punch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:44
S5	1205	(holes with (machined machining) with punch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:49
S6	75	(holes with (machined machining) with punch\$4) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 16:52
S7	26	(epoxy with coat\$4 with inject\$4) and diode and LED	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 17:07
S8	2	(LED near2 bulb).ab. and (light adj guid\$4) with (fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 17:39
S9	123	(LED near2 bulb) and (light adj guid\$4) with (fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 17:39
S10	0	10/899,546	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:18
S11	7	10/899,546	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:19
S12	10	("20020176260" "4274127" "4529193" "6955441" "7020369").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:21

S13	17675	((light adj guid\$4) with (fiber)) (fiber with (((internal external) near3 diffuser) TIR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:33
S14	100	((light adj guid\$4) with (fiber)) and (fiber with (((internal external) near3 diffuser) TIR))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:33
S15	448	(LED and (slug with (heat)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:35
S16	281	(LED and (slug with (heat))) and (heat adj sink)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:38
S17	234	(LED and (slug with (heat))) and (heat adj sink) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:40
S18	19	(LED and (slug with (heat))) and (heat adj sink) and diode and (index adj matching)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:42
S19	1	LED and (platform with (FR4 (metal adj clad) CEM-1)) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:50
S20	227	LED same (FR4 (metal adj clad) CEM-1) and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:50
S21	155	LED same (FR4 (metal adj clad) CEM-1) and diode and (printed adj circuit adj board)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:51
S23	37	LED same (FR4 (metal adj clad) CEM-1) and diode and (printed adj circuit adj board) and (AC with DC with convert\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/13 18:51
S24	90	LED same bulb and (conversion adj circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/15 20:54
S25	2	"20050207177"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/16 19:27
S26	60	LED same (FR4 (metal adj clad) CEM-1) and diode and (printed adj circuit adj board) and (AC with DC)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/16 19:40
S27	1837	(index adj matching adj fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/16 21:11

S28	289	(index adj matching adj fluid) and LED and diode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 06:58
S29	46	(index adj matching adj fluid) and LED and diode and bulb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 07:00
S30	14	"6586882"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/17 07:35
S31	1	(light adj bulb).ab. and (diffuse adj coating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/17 07:37
S32	15	(light adj bulb).ab. and (light adj bulb) and (diffus\$4 near2 coating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 07:38
S33	42	(LED diode).ab. and ((light adj guid\$4) with (reflect\$4 near3 metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 07:48
S34	42	(LED diode).ab. and ((light adj guid\$4) with (reflect\$4 near3 metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 07:48
S35	36	(light adj bulb).ab. and (fins with heat)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/17 08:09
S36	418	(LED).ab. and (AC with DC with converter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/17 08:17
S37	2	"20050207177"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/17 12:34
S38	0	"7602559" and "7499228"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/17 18:42
S39	12	"7602559" or "7499228"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/17 18:42
S40	1114	(359/642).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/17 18:45
S41	19	"6586882"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:20

S42	2	2003/0076051	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:26
S43	2	"20030076051"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:26
S44	0	(362/240.01).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:37
S45	1300	(362/249.01).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:37
S46	270	(362/249.02).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:37
S47	435	(362/249.06).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:37
S48	1947	(S45 S46 S47)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 17:38
S51	388	(S45 S46 S47) and LED and bulb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 17:39
S52	7	("4965488" "5707139" "5929788" "6149283" "6183100" "6464373" "7011430").PN. OR ("7347586").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 17:44
S53	754	(362/227).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 18:00
S54	254	(362/228).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 18:00
S55	222	(362/230).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 18:01
S56	1438	(362/231).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 18:01
S57	2512	(S53 S54 S55 S56)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/20 18:02

S58	488	S57 and LED and bulb not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 18:02
S59	1	2008/0137360	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 20:53
S60	7	("20020163797" "20080137360" "20090034251" "5828803" "6030108" "6563967" "6742908").PN. OR ("7618175").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 20:53
S61	10	("5345531" "6234645" "6337946" "6586882" "6974777" "6450041" "6586882" "6767111" "7160012" "7258476" "7455444").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:10
S62	15	("20010048603" "5581683" "6481882" "6497496" "6874924").PN. OR ("7160012").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:12
S63	41	"6104454"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:40
S64	2	"20040042233"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:41
S65	17	"6905220"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:41
S66	10	("5345531" "6234645" "6337946" "6586882" "6974777" "6450041" "6586882" "6767111" "7160012" "7258476" "7455444").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:46
S67	2	2004/0046510	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:46
S68	1	"20040046510"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:46
S69	9	"5,984,496"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:47
S70	66	"6,356,700"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/20 21:49
S71	102	362/??? and bulb and slug	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 22:25
S72	581	362/??? and bulb and LED and ((PCB circuit) with (metal FR4 CEM-1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 22:55
S73	15	362/??? and bulb and LED and ((PCB circuit) with (metal FR4 CEM-1)) and ((light adj guid\$4) with (optic\$4 with fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 22:56

S74	19	362/??? and bulb and LED and ((reflect\$4) with (metal)) and ((light adj guid\$4) with (optic\$4 with fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 23:06
S75	721	362/??? and bulb and LED and ((reflect\$4) with (metal))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 23:09
S76	8	362/??? and bulb and LED and (optic\$4 with fiber with TIR)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/12/20 23:31
S77	1	"10555721"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 14:29
S78	0	362/227,362/228,362/230,362/231,362/234,362/235,362/240,362/249.01,362/249.02,362/249.06,362/363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:02
S79	0	362/227,362/228,362/230,362/231,362/234,362/235,362/240,362/249.01,362/249.02,362/249.06,362/363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:02
S80	0	362/227,362/228,362/230,362/231,362/234,362/235,362/240,362/249.01,362/249.02,362/249.06,362/363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:02
S81	9698	362/227,362/228,362/230,362/231,362/235,362/240,362/249.01,362/249.02,362/249.06,362/363	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:02
S82	1	"10555721"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:16
S83	41	"6102559"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 15:22
S84	27	("2748306" "3593055" "3932881" "4904901" "5535230" "5813753" "5847507" "6068383" "6234648").PN. OR ("6586882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/25 15:56
S85	89	"6234648"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/25 16:55
S86	89	"6,234,648"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/06/25 16:56
S87	1	09/406284	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 16:56
S88	40	(edison).inv. and glass	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 17:00

S89	1	(edison).inv. and glass and bulb	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/06/25 17:01
S90	4	(edison).inv. and glass and bulb	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/25 17:01
S91	21	(edison).inv. and glass and light\$4	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/25 17:02
S92	22	(edison).inv. and glass and light\$4	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/25 17:02
S93	166	(LED and bulb).ab. and fan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/06/25 17:27
S94	28	("2748306" "3593055" "3932881" "4904901" "5535230" "5813753" "5847507" "6068383" "6234648").PN. OR ("6586882").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/18 12:54
S95	16	("5325386" "5535230" "5707139").PN. OR ("5758951").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/18 12:55
S96	16	("5325386" "5535230" "5707139").PN. OR ("5758951").URPN.	US-PGPUB; USPAT	OR	OFF	2011/04/18 12:56
S97	13	("7111972" "6586882" "5345531" "6337946" "5428515" "7455444" "6234645" "7160012" "6404973" "6450041" "6586882" "6767111" "6974777" "7258476").PN.	US-PGPUB; USPAT	OR	OFF	2011/04/18 12:59
S98	16	"5758951"	US-PGPUB; USPAT	OR	OFF	2011/04/18 13:09
S99	38	"7093958"	US-PGPUB; USPAT	OR	OFF	2011/04/21 10:22
S100	2	"20090027889"	US-PGPUB; USPAT	OR	OFF	2011/04/21 10:23
S101	28	("5663130" "6030930" "6255670" "6686676" "5498809" "6255670" "6066861" "6255027" "6156468" "20070091437" "5498809" "5663130" "6252254" "20060291238" "20070053208" "5955837" "6066861" "6156468" "6252254" "6255027" "5660961" "5660961" "6030930" "7559664").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 19:29
S102	29	"7144135"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 19:31
S103	21	("20050174780" "20060092640" "20070242461" "20070297178" "4687963" "6220722" "6607288" "6634770" "6992333" "7144135").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/04/21 19:34
S104	36	("2933596" "4321659" "4630182" "5806965" "6220722" "6227686" "6367949" "6609804" "6621239" "6635999" "6676283" "6719558" "6746885" "6793374" "6954270" "6955440").PN. OR ("7144135").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/21 19:38

S105	18	("20050174780" "20080316755" "20090040759" "20090073688" "20090073689" "20090244896" "20090262530" "4271408" "6448900" "6561690" "6682211" "7048412" "7144135" "7242028" "7440280" "7568817" "7593229" "7651253").PN. OR ("7874700").	US:PGPUB;	OR	OFF	2011/04/21
		URPN.	USPAT;			19:39
			USOCR			

EAST Search History (Interference)

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